

California Energy Commission

Peak Load Program Accomplishments

(as of September 30, 2002)

Program Element	Goal (MW)	Contracted (MW)	Reported* (MW)	Program End Date	Total Savings Expected by Program End Date (MW)	3rd Quarter Activities
Agriculture Program	105	79	42	30-Oct-04	90	<ul style="list-style-type: none"> o Conducted 300 pump tests, repaired 120 pumps, installed new storage reservoirs at irrigation districts o Issued 45 new contracts with agricultural customers o Conducted five presentations to market program, delivered over 10,000 letters with PG&E to promote program among their agricultural account customers o Approved eight dairy waste to biogas energy projects
"Cool Savings" Low Energy Use Building Materials	62	11	11	1-Jul-03	20	<ul style="list-style-type: none"> o Installed over 8.3 million square feet of cool roofs o Signed up over 7.7 million square feet of cool roofs for rebates o Published ads in weekly business journals and other publications o Wrote articles and press releases for publication o Marketed the Cool Roof program at 4 conferences, meetings, and trade shows
Demand Responsive Building Systems	214	256	196	18-Jun-04	243	<ul style="list-style-type: none"> o Installed demand-responsive systems for HVAC and lighting systems at 355 sites administered by Global Energy Partners, ICF, and San Diego Regional Energy Office o The Enhanced Automation campaign has sent out over 1,000 case studies and guidebooks to large commercial customers and provided technical assistance to those customer looking to install demand response and energy information systems
Public Agency 3 Percent Loans/grants	50	16	10	31-Dec-03	16	<ul style="list-style-type: none"> o 7 loan recipients completed all of their projects o Provided technical assistance to 4 customers o Marketed program at 4 conferences, meetings and trade shows

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Innovative Peak Load Reduction Proposals	152	175	108	31-Dec-04	148	o Installed and commissioned two landfill gas engine generators to generate electric power
LED Traffic Signals	10	7	6	1-Mar-03	7	o Completed 13 grants, representing LED traffic signals installed at approximately 3,000 intersections for a peak load reduction
State Buildings	50	109	57	12-Dec-02	57	o Implemented additional energy efficiency lighting projects at numerous UC Santa Barbara campus buildings o Started implementation of additional energy efficiency lighting projects, reviewed design of a new thermal energy storage system and developed a design plan for optimizing a standard "270" type housing unit at Department of Corrections
Water and Wastewater Treatment/Water Agency Generation Retrofit	50	76	65	31-Mar-04	63	o Received 6 new grant applications o Completed 7 projects
Real Time Meters	1500	623	529	15-Jul-03	623	o Three utilities completed all site installations
Municipal Utilities	35	109	109	1-May-04	123	o continue to implement residential, commercial and institutional energy demand reduction programs on a service territory basis
Totals	2228	1461	1133		1390	
* Saving reported by administrators to be available to reduce peak loads during the summer period. Not necessarily yet verified by Nexant.						